





ANANYA PODDAR

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CORE COMPETENCIES

Programming Languages: Java, C, Python, HTML, CSS, JS (ES6), Node, React, Assembly

Environments and Tools: Git, SVN, Linux/Unix, SQL, MongoDB, Kubernetes, Docker, Ansible

EDUCATION

University of Toronto – Bachelor of Science Candidate [Sept. 2019 – Present]

- Pursuing Co-op Specialist in Computer Science: Software Engineering Stream
- Dean's List 2020 | cGPA: 4.0
- Relevant Coursework: Software Design / Computer Organization / Software Tools & Systems Programming

WORK EXPERIENCE

Software Engineer – Index Exchange | Kubernetes/ Docker/ Helm/Ansible [Jan. 2021 – Apr. 2021]

- Implementing and deploying UI to automate and manage 100+ deployments weekly for over 250 engineering employees
- Using LDAP authentication to streamline login process and maintain security for all employees
- Creating CI/CD pipeline to automatically update relevant inventories, playbooks, and user information

Software Developer – Giants Network Inc. | HTML, CSS, JS [Aug. 2020 - Present]

- Designing responsive website, used as primary platform to connect with clients and to attract potential investors
- Resulted in 150% increase in average session duration and 38% decrease in bounce rate over last 2 months
- Performing AB testing with mentors and volunteered users to test site functionality and improve user experience

First Year Peer Advisor – University of Toronto [Apr. 2020 – Sep. 2020]

- Provided personalized assistance to over 160 First-Year students to aid in their transition to University
- Communicated effectively with diverse groups and provided resources via tutorials, office hours, and panels
- Received 100% positive feedback from students and supervisors

RELEVANT PROJECTS

EcoBlock | Flutter/Firebase/Google Cloud API [Mar. 2021]

- Created application for sustainable cryptocurrency coin production and management, using 99% less energy than bitcoin
- Effectively utilized Flutter to create wallet UI and linked to Firebase database to manage user information
- Configured Google Cloud Vision API to parse text from images and provide rewards for using green energy sources
- Team won 1st place for best use of Google Cloud among over 1300 participants at HooHacks 2021

Personal Website | HTML/CSS/Javascript | <https://ananyapoddar.github.io/photography-site/> [Jul. 2020]

- Designed and launched responsive front-end website to showcase photography skills
- Added unconventional interactive features to create more memorable user experience and increase traffic

File System Management Application | Java [Jun. 2020 – Aug. 2020]

- Led an Agile team to build a mock bash shell application
- Effectively translated vague user requirements into corresponding software requirements
- Adhered to OOP and TDD principles and optimized code for recursive search and file manipulation in less than 1 second

VOLUNTEER WORK AND EXTRACURRICULARS

Math In Motion Conference Volunteer – University of Toronto [Nov. 2019]

- Worked with mentors and students to organize workshops for high school girls to encourage pursuing STEM-related fields
- Supported students through design challenge, ultimately winning 1st place in competition

Computer Science Undergraduate Research Group - University of Toronto [Oct. 2019 – Present]

- Collaborating with Professor and peers to evaluate efficacy of inverted classroom model
- Analyzing data from over 200 papers, to be used in a literature review written by undergraduate students